What's New at the Alternative Fuels Data Center
January 2004

Listed below are new publications and other information made available in January through the U.S. Department of Energy's Alternative Fuels Data Center (AFDC). The AFDC is sponsored by the Clean Cities Program in the Office of Energy Efficiency and Renewable Energy (EERE), and is managed by the National Renewable Energy Laboratory. For more information, with questions, or to subscribe to this monthly update, contact Wendy Dafoe at wendy_dafoe@nrel.gov, or call 303-275-4470.

This update is posted on the Web at www.ccities.doe.gov/toolbox/coord_news.shtml.

10th Clean Cities Conference is in Fort Lauderdale. Conference registration is open at http://www.ccities.doe.gov/conference/lauderdale/, click on Register Now. Please send an e-mail if you have any questions about registration. The preliminary agenda will be available soon on the conference Web site linked above.

The EPAct Web site has a new look.
Check it out at www.eere.energy.gov/vehiclesandfuels/epact/

Transportation Energy Data Book: Edition 23 is on the Web at www-cta.ornl.gov/data/Index.html. Individual chapters can be downloaded or there's an e-mail link to request a hard copy.

Greener Fleets: Fuel Economy Progress and Prospects from the American Council for an Energy Efficient Economy (ACEEE). This 33-page report explores the role fleets have played and can play in raising the fuel economy of U.S. passenger vehicles. On the Web at www.aceee.org/pubs/t024full.pdf.

Alternative Fuel Price Report, December 30, 2003, is on the Web at www.afdc.doe.gov/pdfs/afpr_12_30_03.pdf. Other issues of this report are available at www.afdc.doe.gov/documents/pricereport/pricereports.html.

Energy Efficiency's Next Generation: Innovation at the State Level
www.aceee.org/pubs/e031full.pdf. Published by the American Council for an Energy-Efficient Economy (ACEEE) this 81-page report provides examples of effective legislation, regulation, and program design for innovative and effective energy efficiency efforts at the state level, including transportation initiatives such as tax incentives, state fleet requirements, vehicle labeling, and rebates.

Clean Buses: Protecting Public Health, the Environment, and Providing Greater Energy Security
www.eesi.org/publications/Fact%20Sheets/Clean%20Bus%20Fact%20Sheet.PDF

This 7-page fact sheet summarizes and analyzes the current status of bus transportation and clean bus technologies, including emissions information, vehicle technologies, policy options, and future outlook for implementing cleaner buses.

U.S. Climate Change Technology Program: Technology Options for the Near and Long Term. Published in November 2003, this report presents summary descriptions of technologies or technology areas believed to offer significant potential for contributing to the nation's near- and long-term climate change goals. It's a hefty 218 pages and is on the Web at www.climatetechnology.gov/library/2003/tech-options/tech-options.pdf.
There's also a Table of Contents at www.climatetechnology.gov/library/2003/tech-options/ where individual sections can be downloaded.

U.S. Climate Change Technology Program: Research and Current Activities highlights recently established climate change initiatives, including DOE's FreedomCAR Program, FutureGen Program, and Hydrogen Fuel Initiative. It's 36-pages, full-color and on the Web at www.climatetechnology.gov/library/2003/currentactivities/car24nov03.pdf

Toyota Certification of Costs for the 2004 Toyota Prius Hybrid Electric Vehicle
www.toyota.com/images/vehicles/prius/certification_2004.pdf
and the **IRS acknowledgement of the certification**
www.toyota.com/images/vehicles/prius/acknowledgement_2004.pdf for the 2004 Prius are available on the Web. Individuals claiming a deduction for the 2003 for the purchase of a Prius will most likely want to use these when filing their tax returns.

Design Guidelines for Bus Transit Systems Using Electric and Hybrid Electric Propulsion as an Alternative Fuel from the U.S. Dept. of Transportation's FTA Web site. This document presents various facility and bus design issues that need to be considered to ensure safe operations when using electric or hybrid electric propulsion. Similar guidelines have been issues for LPG, CNG, LNG, hydrogen, and ethanol. On the Web at transit-safety.volpe.dot.gov/Publications/cleanair/DesignGuidelines/HTML/DesignGuidelines.htm. (Try the clickable link in the title if this URL link isn't successful with your browser).

Dodge Ram Wagon Van – Hydrogen/CNG Operations Summary
avt.inel.gov/hydrogen/pdf/Dodgereport.pdf
Low-Percentage Hydrogen/CNG Blend Ford F-150 Operating Summary
avt.inel.gov/hydrogen/pdf/F150Lowpercentreport.pdf
High-Percentage Hydrogen/CNG Blend Ford F-150 Operating Summary
avt.inel.gov/hydrogen/pdf/F150Hipercentreport.pdf
Hydrogen-Fueled Mercedes Sprinter Van Operating Summary
avt.inel.gov/hydrogen/pdf/MercedesSprinterreport.pdf
Arizona Public Service, a subsidiary of Pinnacle West Capital Corporation, in cooperation with DOE's Advanced Vehicle Testing Activity, tested vehicles as part of its

alternative fueled vehicle fleet. These reports summarize the experience of Arizona Public Service using a hydrogen/CNG fuel blend in its vehicles.

A Better Way to Get from Here to There: A Commentary on the Hydrogen Economy and a Proposal for an Alternative Strategy
www.newrules.org/electricity/betterway.pdf
This 27-page document argues that the focus on building a national hydrogen distribution and fueling network to supply fuel cell powered cars ignores shorter term, less expensive, and more rewarding strategies encouraged by recent technological developments.